

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: RUNYAN@GONZAGA.EDU
Subject: RE 500 h choke
Message-ID: <01I1V5HAC586000KSU@GONZAGA.EDU>

The only place I've ever seen or heard of one is in the LM frequency meter of yester-year. I think its 300h, but that might be good enough eh?

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: "Ray L. Mote" <rmote@rain.org>
Subject: Re: AN/URM-25D: no modulation (bad caps)
Message-ID: <Pine.SUN.3.91.960302010548.2557D-100000@coyote.rain.org>

Sssshhhh! Don't tell Sandy Blaize, but I *cheated*! The LCR meter was a little solid-state B&K which I knew wasn't worth beans for leakage, etc., so I never entirely believe it. I'd already removed the case from the URM-25D that quit modulating after 15 minutes (it was so bad I intended to trash the case), so I *couldn't* run into the same problem he had. I'm also too lazy to rig up a leakage test system, and since the symptoms all pointed to a cap problem I replaced all three in that part of the circuit. Could it be that the Navy saw a trend toward end-of-life failures in URM-25D caps and decided to avoid the labor charges by finally buying a new model sig gen (thereby making these available in surplus)?

One down, only five more to go!

73.....Ray Mote, W6RIC <rmote@rain.org>

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Bob Roehrig <broehrig@admin.aurora.edu>
Subject: Re: BC-224/BC-348 Receivers
Message-ID: <Pine.ULT.3.91.960302090953.25179A-100000@admin.aurora.edu>

On Fri, 1 Mar 1996, Ken Corwin wrote:

> Hello, All-
>
> A brief history and description of subject receivers is now available from
> the Boatanchors Archive.

Thanks to Ken for his work and a fine history/description of the BC-348 family. I have one question, however. It is mentioned that some of the

sets were "single ended". The article by K3ZJW also mentions single ended tubes in some sets. Just what the heck does this mean? I always thought that "single ended" meant the opposite of push-pull.

One other article I saw kind of "badmouthed" the 348 as being very broad. I measured mine as having a 6dB bandwidth of 6KC with the filter off and 300 Hz with the crystal on. While the bandwidth is not ideal for crowded SSB bands, it isn't all that bad. I also have no signal loss with the crystal on. It's great for CW.

E-mail broehrig@admin.aurora.edu

73 de Bob, K9EUI

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Jim Dillon <beadgal@ptialaska.net>
Subject: Re:BC-348 sin/dou end
Message-ID: <01BB080F.1D1EA5A0@juneau_79.dialups.ptialaska.net>

Hi Bob and wrinkle fans-

The single and double-ended business refers not to the electrical circuit, but to the use of tubes with grid caps (double -ended) verses firebottles where all connections go through octal base (single-ended). Many 3 letter tubes (6K7,6J7,6C5,6B8 ,6F7) have caps and were used in 348C,E,H,K,L,M,O,P,R,S. Later 4 digit tubes were developed with comparable inter-electrode capacitance with grid wired to the base(6SK7,6SA7,6SJ7,6SR7) used in BC-348J/N/Q.

Same holds true in civilian Hammarlunds and Hallicrafters, others where the tubes used depended on what was available cheap (DRAM-EDO memory today in these magic devices we use). Hallicrafters SX-110 an example- where did he find a warehouse full of 6SG/SA/SK/SC,6H6,6K6 in *1962* ?

Jim Dillon WL7CMQ Beadgal@ptialaska.net

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: jlivingston@cix.compulink.co.uk (John Livingston)
Subject: Re: British Mark 128
Message-ID: <memo.257323@cix.compulink.co.uk>

In-Reply-To: <960301082246_235030843@mail06.mail.aol.com>

The 128 set is a relatively modern (!) bit of kit - the notes I have are dated 1967. I believe it was used by airborne troops. It uses 1.4V heater tubes - 2 in the TX and 5 in the RX. The RX lineup is Mixer/osc, IF amp (470 KHz), detector/af amp, AF output and BFO, and it works quite nicely on 80 and 40 QRP.

The TX is crystal osc - PA, with about 1 Watt out, and some very nice little ceramic wafer switches in the output circuit.

Altogether an odd little set - the design (and rather rough construction)

would suggest a origin of 1940s-50s rather than mid 60s.
I bought one for about UKP 40 around 10 years ago. I guess it would be worth about \$80-100 in full working condition. Mail me for more info.

John Livingston jlivingston@cix.compulink.co.uk
G4FDD G-QRP 431
+44(0)1904 794305 FAX +44(0)1904 657778

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Bill Meara <w.meara@server1.codetel.net.do>
Subject: Dial Clutch for HW-101
Message-ID: <9603021614.AA10716@server1.codetel.net.do>

Just when I got most of the electronic problems in my HW-101 ironed out, mechanical problems cropped up. The rig has a small circular plastic clutch that holds the tuning dial mechanism against the outer sleeve of the Johnson reduction drive that turns the main tuning cap. I've been told that this little part caused lots of trouble - it had a tendency to get warped with age (same thing is happening to me!). Mine was very warped, so I just flipped it over and put it back in. (There was a Hints and Kinks about this procedure.) I may have tightened it up a bit too much, because after a couple of months it just broke, leaving my tuning dial sort of floating around inside the rig!

I know I could rig something up to replace this part, but if anyone has a junker HW-101 with a not-too-warped clutch, I could really use it!

73 De N2CQR/HI8	"Hispaniola Heaths and Hallis"
Bill Meara	HT-37, 2B, HW-101, HQ-100
Santo Domingo, Dominican Republic	
w.meara@codetel.net.do	
73 De N2CQR/HI8	"Hispaniola Heaths and Hallis"
Bill Meara	HT-37, 2B, HW-101, HQ-100
Santo Domingo, Dominican Republic	
w.meara@codetel.net.do	

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Kim Herron <kherron@voyager.net>
Subject: Re: First receivers, Good to hear from you
Message-ID: <199603020540.AAA25525@vixa.voyager.net>

Hi Gang,

Allan's digressions have opened the cob-webbed basement of my mind to a time

long forgotten, but none the less missed:

In the early spring of 1966, I was totally enthralled by a car radio extracted from an old Oldsmobile [perhaps that explains my attachment today]. I had removed it from an old 1952 Olds and brought it home. It worked perfectly and it lead me to the DX-pedition on the BC bands. It's hard to believe that an old car receiver could get things like WHO in Grand Rapids MI using a screen in a window for an antenna. Never-the-less, my interest was piqued, to say the least. Shortly thereafter, my uncle, gave my a WHOLE radio shop. Test gear, service information, TUBES, parts, and [my heart be still],.....R-A-D-I-O-S!!!!. B-I-G radios!!!!!!! 1930 and 1940 vintage RADIOS!!!

Shortwave broadcast, AM braodcast, amateur, you name it, it was there. I was like a kid in a candy store. He also had something that we all wish we had now-a-days: The correspondence course that taught him what he knew, courtesy of NRI.

Needless to say, I ate that radio course up in the short summer that I had, and shortly thereafter, I was busy repairing GE, RCA, Crosley, Atwater-Kent's and whatever else was left over in the basement of his house in Saranac MI. My favorite was a GE E-126 console that was one of the BIGGEST radio receivers that I have ever worked on, or owned. It got away from me and IF I EVER FIND ANOTHER ONE, that one WON"T get away. the sound was INCREDIBLE!!!!!! 18" electro-dynamic speakers will do that for a receiver. But I digress; Anyway, It required several new caps and resistors to get it working. But once it was fixed what a sight, and sound, it WAS!! 1936 GE COLORAMA TUNING!! The display changed from green to white to red as you tuned through the signal via a saturable reactor. NEAT doesn't begin to describe the feeling of getting Radio Nederland or Radio South Africa the first time after I fixed the old girl, alone. That radio gave me many hours of pleasure, as well as education, that I still use today. I still see that receiver sitting in my bedroom at home and how I wish that I could find another one like it [and afford it]. My first ham transmission reception was on AM on that receiver and it got me interested enough to pursue the license and further education to get it.

Now I have Collins, Drake, Heath, Hallicrafters, Hammarlund, and other radios. I still miss the GE though. the Silvertone console in the living room is close, but no cigar!! I still live to see the day that the General lives in the room where I spend my down time, entertaining me with the likes of The Green Hornet, Gunsmoke, Seargent Preston, and , of course, Inner Sanctum. My wife is aware that, should it surface, no amount of money will keep me from acquiring the General. It must occupy it's rightful place in the area of my home where we belong together. She has thusly agreed, knowing full well that nothing can match the radio, not even the golden retriever who sleeps in bed with us. the GE is like a long lost relative, and I suffer from a case of reunitus interruptus. That is the same radio sickness tha we all suffer from. I must have what I have lost. It must be that I live in the past of my childhood. I wonder if General Sarnoff hd this problem??

See what you've started AL!?!.....

KIM

KIM

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Dean Norris <dnorris@k7no.com>
Subject: FS: Class Stuff!
Message-ID: <199603021732.RAA26140@ssi.syspac.com>

I am posting this for George, W8QBG. Please direct answers to him at the number listed below or write to CBA -

Collins KWS1 75A4 with matching spkr - both have gear reduction tuning knobs
spkr has bar light and clock. \$1800.00

KWM2a with 110v pwr supp \$600.00

KWM2 with 110v pwr supp \$500.00

Old countermeasure rec FRR59a
mgted in a rollaway cabinet \$500.00

SX101a rec \$250.00

HT32 \$175.00

HT32b \$250.00

Collins 51J4 rec \$400.00

51J3 Collins rec \$300.00

Signal One cx7 \$600.00

HT33b amp \$500.00 mint

Old Viking mobile xmtr with carbon mic and dynamotor \$150.00

Tailtwister rotor \$400.00

SX62a rec \$300.00

Call George Portell at 602 986-5797

C. Dean Norris, Esq.
Amateur Radio Station K7NO
e-mail to dnorris@k7no.com

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: kb0qil@kb0qil-uhf.ampr.org
Subject: FXR 950 to 2000 Test Oscillator ??
Message-ID: <968@kb0qil.ampr.org>

Hello all, de Dan. I have an FXR 950 to 2000 Test Oscillator. Does anyone out there have a spec sheet, manual, and skematic??

Does anyone have one? How well does yours work. Mine is currently not operating and I am wondering if it is worth fixing.

Thanks for your help.

73's Dan

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: arc5@ix.netcom.com (David Stinson)
Subject: Ground-Pounder Radio Stuff
Message-ID: <199603021906.LAA16956@ix6.ix.netcom.com>

Can any of you Green-Machine, Ground-Pounder radio fans help me identify the following antenna package?

It's a CW-216/PR antenna bag, which contains a H-189/GR handset, an AT-271A/PRC and an AT-272A/PRC antenna set. Anyone know which set it goes in or anything else about it?

thanks ES 73 DE Dave AB5S/7
arc5@ix.netcom.com

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: TEK0CH@aol.com
Subject: HRO-W "F-coil" Wanted
Message-ID: <960302152752_338907877@emout06.mail.aol.com>

I have recently acquired an HRO-W with most of the coils but am missing the "F" coil which covers 480-960 khz. If you have or know of one please respond

via e-mail to TEK0CH@AOL.COM or write to:

Thomas E. Koch - W4UOC
8170 Habersham Waters Road
Dunwoody, GA 30350
(770) 391-0914

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: lakeith@wrdis01.robins.af.mil (Larry Keith)
Subject: Lafayette KT-200?
Message-ID: <199603021701.LAA02115@wrdis01.robins.af.mil>

A Lafayette KT-200 just showed up on my doorstep.. Of course, I am going to adopt it! 8-) Does anyone have a manual for this one? I never owned a Lafayette, before... (See, I can't even spell it!)

73,
Larry, KQ4BY
lakeith@robins.af.mil

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Jim Dillon <beadgal@ptialaska.net>
Subject: RE: Lafayette KT-200?
Message-ID: <01BB0816.0BEB66E0@juneau_142.dialups.ptialaska.net>

Hi Larry and Laughatit Radio fans-

Yes I have a copy which I can copy for anyone who sends snailmail address to beadgal@ptialaska.net As you might have seen in a post a day or two ago there is another one available at Ford's surplus in Ontario. This radio-the S-38 on steroids- was made by Trio in Japan for Lafayette. Trio is Kenwood in USA today.

They should have used the model number 4F. It reminds me of a military radio that failed the physical. Stability wise. Actually it is a great AM set, but do feel free to tinker with the noise limiter 'circuit' (a 1N34 in the wrong place). What were they thinking when they did the cosmetics on this rig? One of my favorites. The knobs are *exactly* the same as on S-38, but this is an AC set with RF/2 i.f. Start looking for a 6BE6 or two (especially if you have 60cycle mod of SSB. Jim Dillon WL7CMQ

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: robert fowle <hammarlund@voyager.net>
Subject: my forsale's
Message-ID: <199603020612.BAA27053@vixa.voyager.net>

i post my Big forsale list to those on my mailing list, if your not on the list and would like to receive it when i post them, send me e-mail stating you'd like to receive my mail list of for sale items.=20
by doing it this way, it keeps the traffic down on the porch server and those that don't want to see a big list, don't. Everybody's happy....
thank you for your consideration.

Robert Fowle

Ph. voice or fax 517-789-6721

Jackson, Mich. 49202-1946

HAMMARLUND LITERATURE WANTED

1=BE

From: Terry Burge <terrybu@netman.ENS.TEK.COM>

Message-ID: <9603020633.AA18377@netman.ENS.TEK.COM>

I'd like to receive you for sale list.

KI7M

From: Gale Carlisle <gcarlisl@cfn.etc.bc.ca>

Message-ID: <Pine.3.89.9603012326.A25185-0100000@c1n>

Radio Designers Handbook (F Langford-Smith) 1953, 1482 pages, 8 1/2"x5 1/2"

format. Price \$25.00 US

Radio Engineers Handbook (Fred Terman) 1943, 1019 pages, 9"x6" format
price \$25.00 US

F-M Simplified (Milton S Kiver) 458 pages, 1951, 8"x5" format
price \$15.00 US

The above listed books have pages that are complete and in excellent
condition. The covers are in good condition with slight corner
bruises.

Steve Carlisle VE7AHL
P.O. Box 1752
Port Hardy, B.C. Canada
V0N-2P0
604-949-8588

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Scott Townley <nx7u@primenet.com>
Subject: Re: radio books
Message-ID: <199603020826.BAA10491@usr2.primenet.com>

At 01:24 02.03.1996 -0600, Gale Carlisle wrote:

>
>The following text books will be for sale . prices include shipping in
>the US and Canada.
>
>
>Radio Designers Handbook (F Langford-Smith) 1953, 1482 pages, 8 1/2"x5 1/2"
>format. Price \$25.00 US
>
>Radio Engineers Handbook (Fred Terman) 1943, 1019 pages, 9"x6" format
>price \$25.00 US
>
>F-M Simplified (Milton S Kiver) 458 pages, 1951, 8"x5" format
>price \$15.00 US
>
>

I'll take the Radio Designers Handbook (Langford-Smith) if still available.
Scott Townley
1101 N. Gilbert Rd. #308
Gilbert, AZ 85234

Scott Townley
nx7u@primenet.com

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: "Dick Dillman" <ddillman@igc.apc.org>
Subject: Radio Boys Books
Message-ID: <47733.ddillman@igc.apc.org>

Will the person interested in Radio Boys books please drop me an email?

Dick Dillman
WPE2VT N6VS ex-WA2BJK
<ddillman@igc.apc.org>
Collector of Heavy Metal:
Harleys, Willys and Radios Over 100lbs.

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: ellope@isns1.shasta.com (jerry+deb)
Subject: receiver for sale
Message-ID: <199603020836.AAA08572@isns1.shasta.com>

Hi all,
I have a apr-1 receiver for sale with plug in units tn-1b,tn-2b,tn-3b. The receiver works well and the tuning motors work as well. Open for offers or trade for?????
tnx,73 jerry ellope@shasta.com

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: drhydro@ames.net (Paul Nelson)
Subject: sandblasting/beadblasting
Message-ID: <v01540a00ad5db007ae50@[1.1.1.1]>

In my experience, many places which offer to do sandblasting really don't know what beadblasting is- and, IMHO, sandblasting can be very injurious to BA metal. Among other things, silica dust winds up permeating the surface and can lead to painting problems. Glass beads are round- they don't produce the microscopically jagged surface that sandblasting does. (Old used-up glass beads, however, can be almost as bad as sand- careful!) One reliable way of getting to someone who can do real bead blasting is to talk to the aircraft mechanic at the local airport. If he overhauls engines, he'll likely have a bead-blaster or will surely be able to tell

you who does and where to go, because bead-blasting is the only approved process for aircraft cylinders! The guys I've come in contact with have been very helpful.

Paul Nelson
Ames, Iowa

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

(DrHydro@ames.net)

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Sandra L Knepper <slkst29+@pitt.edu>
Subject: Re: sandblasting/beadblasting
Message-ID: <Pine.3.89.9603021029.A13788-01000000@unixs6.cis.pitt.edu>

Just had a local machine shop glass bead the cabinet of an HR0-60 receiver. The results were excellent. No pitting or scoring of the metal. The engraving was not affected. All the paint was removed down to bare metal. A local automotive paint shop will apply the original color to bring this "beauty back to life."

I would suggest that one contacts his local automotive machine shop for the nearest shop that does glass bead work.

73' Dave, W3BJZ

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: MEC <danmec@inet.uni-c.dk>
Subject: SCR 625 mine detector FS
Message-ID: <Pine.3.89.9603021631.A8387-01000000@inet.uni-c.dk>

There is a SCR 625 complete in carrying case here in Copenhagen. Owner is asking 150 dollars for it. Does that sound reasonable ?

73 Rag oz8ro
X

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: "Deane D McIntyre" <dmcintyr@acs.ucalgary.ca>
Subject: Single ended tubes (was BC-224/BC-348 Receivers)

Message-ID: <9603021647.ZZ54474@ds1.acs.ucalgary.ca>

In message <Pine.ULT.3.91.960302090953.25179A-100000@admin.aurora.edu> writes:

>
> Thanks to Ken for his work and a fine history/description of the BC-348
> family. I have one question, however. It is mentioned that some of the
> sets were "single ended". The article by K3ZJW also mentions single ended
> tubes in some sets. Just what the heck does this mean? I always thought
> that "single ended" meant the opposite of push-pull.

"Single ended" is one of those terms that have two very different meanings. One, as you mention, is the opposite of push-pull in a amp stage. The other meaning, which was meant in the BC-348 discussion, has to do with the way tubes are constructed. In a single ended tube, all connections are made to the tube elements via the base pins. In a double ended tube, one or more connections to the elements are made via a connector(s) at the top, or sometimes the side of the tube. In RF signal tubes such as the 24A, 6C6, 6A7, 6K7 and 6J7 this connection was to the control grid, in order to lower the capacitance between the grid circuit and the other tube elements, especially the plate. In power tubes, with plate voltages in excess of a few hundred volts, the connection to the plate was made in this manner, to avoid arcing problems with the single-ended design; examples are the 807 and 6146 as well as most "sweep" tubes such as the 6KD6 and 6DQ6.

Many of the double ended signal tubes were, starting in the late 30's, also made in single ended versions, which were often indicated as such by the addition of the letter "S" in the tube designation. Thus we have:

Double Ended	Single Ended	
6A8 and 6A7	6SA7	Pentagrid converters
6J7	6SJ7	Sharp cutoff pentodes
6K7	6SK7	Remote cutoff (variable-mu) pentodes
6Q7	6SQ7	High mu Triode/double diodes
6R7	6SR7	Medium mu Triode/double diodes
6S7	6SS7	Similar to 6K7/6SK7, but with lower filament current

One must be carefull: the 6N7 and 6SN7 are both dual triodes with mothing else in common except that both are single ended (and octal)!

73, Deane D McIntyre VE6BPO
dmcintyr@acs.ucalgary.ca

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996
From: Sandy Blaize <70401.134@compuserve.com>
Subject: Sockets needed...
Message-ID: <960302153731_70401.134_IHD122-1@CompuServe.COM>

Hello gang! I am in need of some 7 pin (medium) sized tube sockets. What AES has is the "7 pin small" variety! This is the same size as the base of a 53, 6A6 or 1625 tube. Last two I got were from a trashed ARC-5 transmitter. Does anyone have any in their junkbox? ARC-5 transmitter ones will do, I knocked the last ones out with a small cold chisel. I cut down the "chimney" and formed mounting ears with some of the excess. They mounted neatly on a "breadboard" when I built my last '1936' style transmitter with them.

73,
Sandy W5TVW

~~~~~  
Boat Anchors collected, restored, modified and used!

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996  
From: mirage!pamars@Simba.AGN.NET (P.A.Marshall)  
Subject: Re: Tank circuit  
Message-ID: <9603021927.AA26456@mirage>

Rhett T. George writes:

>  
> Now, I turn to the collective wisdom (with thanks to whomever first used  
> this expression) of the BA crowd for a better answer or maybe a bit of  
> history on the usage of 'tank circuit.' Tanks for any replies.  
>

I could not find the term used in any of my (limited) spark era references. Sterling, 'The Radio Manual' third edition uses the term w/o reference to origin as far as I can see. From 'The RADIO Handbook', seventh edition, pg 42, I find: "is sometimes called a 'tank' circuit because it effectively functions as a storage tank when incorporated in vacuum tube circuits" Of course in my Dad's old DeVry courses, where electricity was water, the tank was the condenser.

|                |                                |                            |
|----------------|--------------------------------|----------------------------|
| Al Marshall    | "Real Radios Glow in the Dark" | almarshall@acm.org         |
| 1+219.665.5072 | Mirage Computers, Inc.         | pamars@mirage.angola.in.us |

The primary purpose of the Data statement is to give names to constants; instead of referring to pi as 3.141592653589793 at every appearance, the variable Pi can be given that value with a Data statement and used instead of

the longer form of the constant. This also simplifies modifying the program, should the value of pi change.

-- Manual for Xerox Data Systems FORTRAN compiler

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996  
From: Bill Sorsby <bill.sorsby@dlep1.itg.ti.com>  
Subject: The First Radios My Best Friend Had  
Message-ID: <199603020847.CAA03810@dlep1.itg.ti.com>

Greetings,

Somebody had to start this "first radio" stuff, didn't they.

Back in 1965 when I was in the seventh grade and living in Jackson, MS, I developed a friendship with an eighth grader, named Jonathan Reeves Taylor. John started the school ham radio club in the middle of the year with the objective of getting the members licensed. As luck had it though, John and I were the only ones who got licensed.

I'd embarked upon the road to ham radio prior to the club's forming and actually got my license before John did, although that was the only time I bested John for a number of years. (And, no, I wasn't an overachiever. I was the painfully shy, fat, pimply faced kid without friends in the back of the class.) John had the advantage in regards to amateur radio equipment. His next door neighbor of many years was a ham and consequently John had ties to the local hams in Jackson and benefitted from this in terms of equipment.

While in the eight and ninth grades, John had some of the primo BoatAnchor gear. An HRO (the original, I believe), a Collins 32V2, a Heath Apache and other "stuff". John even had a Johnson Thunderbolt linear amplifier. A lot of this stuff came gratis from local hams who had little use for it.

He and I struggled with AM in those days. He with his good stuff and I with an ART-13. What we both really wanted was sideband rigs but, of course, no one was about to give up a sideband rig in those days, not even to aspiring young hams and SSB stuff was expensive. John managed to save his money and get an HW-12 and although I don't remember what happened to the HRO, 32V2 and Apache after that, they seemed to kinda disappear.

Funny, how vivid the recollections are of John (WA5PAG), other Mississippi "kid" hams we talked to during that period of a couple of years, their calls(WA5QML, WA5QQT & WA5RRE), names, faces, voices and equipment they used all indelibly imprinted in this young boys head. If I'm still around in forty or fifty years and suffering from dementia, I imagine I'll probably blurt out something like, "Hey, Quiver" (from Quiver-My-Liver) and no one

will have the vaguest idea what I'm talking about.

Regards,

Bill Sorsby, N5BU

bill.sorsby@dlep1.itg.ti.com

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996

From: Norm Flasch <flasch@cushy.eecs.nwu.edu>

Subject: two items

Message-ID: <199603022108.PAA16362@cushy.eecs.nwu.edu>

Gang:

I was rummaging through the abandoned ham shack here and found two interesting items. The first is an "INSTRUCTION BOOK FOR OPERATION AND MAINTENANCE OF RADIO SET SCR-274-N RESTRICTED" This book was revised February 15, 1943. This is the granddaddy of all arc5 manuals. Over 200 pages. It lists drawings, schematics, alignment instructions, racks, interconnect cables for all of them. All of the parts for the dynamotor are laid out and labeled. There is an addendum for the BC946-B .52 mc - 1.5 mc. receiver! Now, all I need in an arc5. BTW, it is in very good condition, except for the small holes that are drilled in it. Aparantly somone used the manual as a pad for six pilot holes. All is legable though. Only two of the holes make it to page 40 and they are quite small. The ham shack here moved to another location due to the renovation of tech. The manual is a keeper.

The other item I have found is a teletype machine from the 1950's. Hand crank and paper tape machine on the side. Wood grain painted on metal. The motor runs. Other than some small paint spats, it is in good condition. If anyone wants it, I'll save it. You pick it up. Otherwise, the demolition guys will toss it in the dumpster. This is a very heavy desktop unit. Location is Evanston, Illinois. This one has the old Bell Telephone emblem in black and brass on the front. Listening to it reminds me of the newscasts of the past.

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Norm Flasch

flasch@eecs.nwu.edu

Northwestern University

Electrical Engineering and Computer Science

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996

From: lblaske@pclink.com (Lee Blaske)

Subject: Wanted: BC-348 Parts

Message-ID: <199603021752.LAA13302@pclink.com>

I need to find one front panel handle, along with mounting hardware (including the long bolt with a knurled nut) for my BC-348. Does anyone out there have a parts radio?

Also, I'd eventually like to find the dynamotor and its mounting plate for the BC-348-R.

Thanks in advance.

Lee Blaske AA0EF  
lblaske@pclink.com  
(612) 474-4919

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996  
From: N4HUR@aol.com  
Subject: Wayne Kerr Universal Bridge  
Message-ID: <960302101534\_338671171@mail06.mail.aol.com>

Hi Gang:

I have had this unit several years (yes its a boatanchor, it has a couple of tubes inside) and it's time to either rehabilitate and use it, sell it, or scrap it. Its marked "Wayne Kerr Universal Bridge" on the front. The back says its type B221. It has digital (mechanical dials) readouts for impedance and an assortment of switches/knobs for range select, +/-, balancing and sensitivity on the front. It also has two connectors on the front panel marked E and I. These use some strange type of bayonet connector. On the back there are two covered bnc jacks marked source and detector.

I have not been able to locate a manual at hamfests and I am wondering if anybody on the list is familiar with it and knows what plugs into the mysterious E and I jacks on the front and what frequency range it is useable over. Since it does not have any built in balance indicator I am assuming that it is used something like the GR 916 series bridges (which I have and use) with an external signal source and detector, but then why does it have vacuum tubes inside? If it requires an external detector and source, why are the jacks where these are attached located under removable covers?

Any help in deciding whether to keep, junk or sell would be appreciated. It would be especially great to be able to locate a manual.

This may challenge even the resources of this group, but I'm keeping my fingers crossed.



73 Bob N4HUR n4hur@aol.com

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996  
From: Vlad Dvorkin <dvorkin@pcs.mot.com>  
Subject: WTB: coils for BC-AS-229 & 230 Rx/Tx  
Message-ID: <199603021648.LAA02313@iron65>

Hello BAs,

I am looking for any plug-in coils for BC-AS-229 & BC-AS-230 Rx/Tx sets  
and actual Rx/Tx sets as well.  
Please e-mail to Vlad at: dvorkin@pcs.mot.com  
or call: 847-632-5093 (work).

Always looking for WWII and earlier German equipment.

Regards,  
Vlad  
ex. UA3ACR

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996  
From: Jake Hellbach <kk5hy@accesscom.net>  
Subject: WTB:Collins or Johnson gear  
Message-ID: <199603021957.NAA03401@uro.theporch.com>

Hello to all,  
Looking for a Collins 32V2 or 32V3 and Johnson Ranger I or II

Have any of these radios?

Thanks, Jake KK5HY  
+++++  
Email via: kk5hy@accesscom.net  
AMI #832  
Check out the Westside ARC Web page at:  
<http://www.accesscom.net/~kk5hy>  
Now updated with boatanchor links!!!!  
+++++

From boatanchors@theporch.com Sat Mar 2 16:21:57 1996  
From: Sheldon Wheaton <swheaton@sky.net>  
Subject: WWII mil radio indexes  
Message-ID: <Pine.SOL.3.91.960302140717.17579K-100000@solar.sky.net>

On Fri, 1 Mar 1996, Karan Lee Carruth wrote:

(text deleted re: TM11-487, etc.)

> These contain a LOT of information about WW-II Army communications. No  
> USAAF or Navy stuff though. Wish I could find similar info for Army and  
> Navy WW-II stuff.

Karan and the gang:

TM11-227 "Signal Communications Equipment Directory" has a better listing of the USAAF equipment, although it is still considered "Signal Corps" equipment. It is 137 pages, and has a standard format info page, with picture, for each system, listed by SCR- number. Each listing gives freq. range, power output, tech manual reference, standard accessories, etc. I can provide a photocopy of this manual for \$12 including postage in the US. Photos are good enough for identification of sets, but suffer from the effects of 2nd generation photocopying.

There is also a TME11-227 which covers German radios and a TME11-227A which covers Japanese radios. I can also provide copies of these for \$12 including postage (in the US).

A good index for WWII vintage Navy stuff is the manual simply titled "Ships 275". It has about 235 pages, with each piece of equipment described occupying about 1 or 2 pages. It mostly covers communications equipment. My copy is dated 1 August, 1944 and I obtained it from:

New Wireless Pioneers  
ph/fax: 1-716-681-3186  
Box 398  
Elma, NY 14059  
(James & Felicia Kreuzer)

I think the price was around \$20.

There is generally a picture for each set described. There are also some Signal Corps sets described in this book. It's the best index of WWII Navy equipment I've seen.

I have another book titled JANAP 161, which I believe to be the predecessor to MIL-HNDBK-161. This thing is an enormous thing, about 4 inches thick, and covers Signal Corps, Navy & AirForce equipment, although slightly later vintage. It does have most of the "William Donzelli" type, big Navy transmitters from WWII. Again, usually a picture and a page or two of description & specs for each type

designation. My copy is dated March 1953 on the cover, but dates on the individual sheets range from early 1952 to 1956. It is held together with screws for "easy" additions/updates.

73, Sheldon KC0CW [swheaton@sky.net](mailto:swheaton@sky.net)